

F I B E R L A S E R

CL-2000-50-W

en | Data sheet | 1.0

- Specially developed for highly efficient laser cleaning and ablation
- High pulse energy for removing particularly heavy contamination
- Variably adjustable pulse widths enable efficient and at the same time material friendly processing

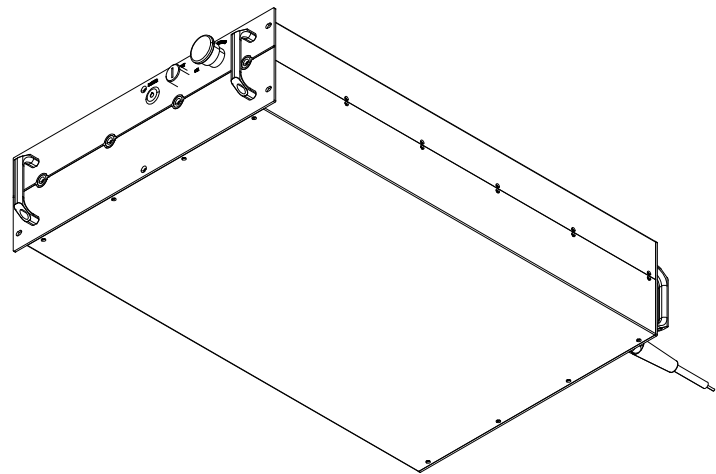
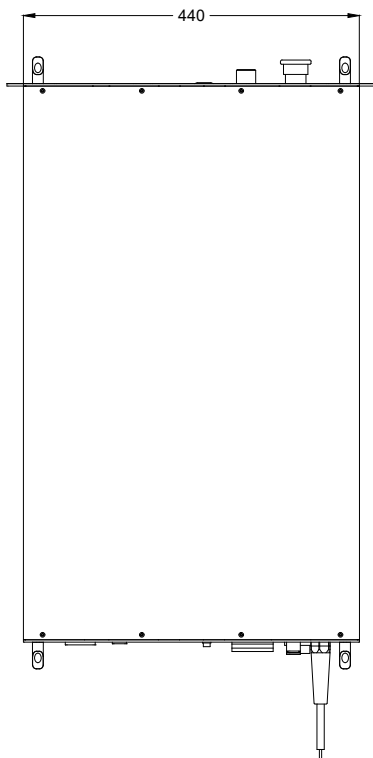
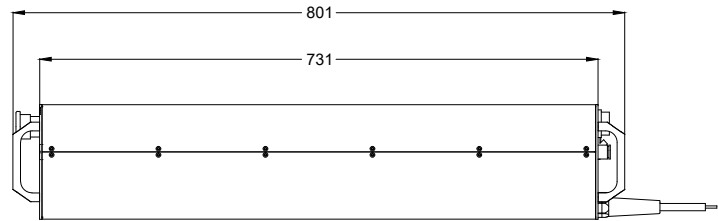
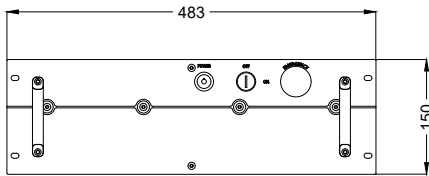


Wavelength	1064 nm	Cooling method	Water
Nominal output power	2000 W	Cooling flowrate	24 l/min
Laser operation mode	Pulsed	Cooling power	6 kW
Beam parameter product (BPP)	11 mm*mrad	Aiming beam	Standard
Pulse frequency	1 – 4000 kHz	Adjustable pulse width	Yes
Full power frequency	1 – 4000 kHz	House keeping function	N/A
Max. peak pulse power	350 kW	Supply voltage DC	220 V
Pulse width	30 – 500 ns	Input current	12.2 A
Max. pulse energy	50 mJ @ 500 ns	Power consumption @ 20°C	8000 W
Power instability Ø	5%	Operation temperature	0 – 40 °C
Power tuning range	0 – 100%	Storage temperature	-10 – 60 °C
Polarization	Random	Mechanical dimensions (W × D × H)	483 × 801 × 150 mm
Anti-reflective coating	Standard	Net weight	53.9 kg
Fiber length	10 m		

Product customizations are possible on request.

Information is subject to change without notice.
Product photos are non-binding and may show customized features.





Laser product
Class 4

JPT

Manufacturer

Fiber laser

CL-2000-50-W

Dimensions are given in millimeters and are intended as reference values.
Binding information is available on request.

